END OF YEAR ASSESSMENT

S.1 CHEMISTRY

Time 1:30 minutes

INSTRUCTIONS

- **The Paper has two sections**
- **Section A one item**
- **Section B two items**
- **All Items compulsory**

SECTION A

ITEM ONE

Moses, a resident of Bulonde in Wakiso district, is struggling with high water bills due to his old leaking water tank. He decides to replace it with a new one.

Considering his budget and climate, Moses needs to choose the most suitable material for his water tank and has approached you for some advice.

Task

As a learner of chemistry:

a) Explain:
i) Category of the material
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ii) Suitability of the material

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b) Advice Moses on the choice of the material

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SECTION B

ITEM TWO

There is high demand for oxygen in Uganda. An investor was contacted by government to set up an oxygen manufacturing plant at Namanve, one of the swamps near Kampala to tap into the opportunity. However, the residents seem not to understand how the process will occur, plus its consequences and are resisting the project.

As a senior one student with the knowledge of chemistry, you are required to create awareness for the information and provide the necessary information.

Task

Write a presentation you will use upon meeting them including raw materials, process of production, side effects and mitigation, and social benefits.

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ITEM THREE

Residents of Kampala are facing severe health risks due to poor air quality, was a headline in one of the recent editions of the New Vision newspaper. With the city's reputation tarnished and residents' health hanging in the balance, urgent action to raise awareness and clean the natural resource is needed, the paper continued to state.

The Kampala Capital City Authority (KCCA) is getting ready to improve the situation following the alarming revelation.

As a student of Chemistry who has learned about air as a natural resource

TASK

Write an article KCCA would use in response to the paper to sensitize the community of Kampala.

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